



Date: July 6, 2015

To: Dan Landon, NCTC

From: Becky Bucar, Engineering Manager

Subject: SR 89 Mousehole Pedestrian and Bicycle Improvement Project

The State Route 89 Mousehole Bicycle and Pedestrian Improvement project will construct a pedestrian/bicycle railroad undercrossing and connecting trails east of the existing SR 89 Mousehole tunnel in Truckee, California. The trail will extend from Deerfield Drive in Truckee, California to the north to West River Street in Placer County to the south.

The Truckee Town Council awarded the construction contract to Gordon N. Ball, Inc. on September 23, 2014 for a contract amount of \$7,870,230 and a contingency budget of 10% or \$787,000.

Construction Management

Approximately 30% of the work has been completed (on a cost basis). Approximately 80 submittals and 20 Requests for Information have been received from Gordon N. Ball, most of which have been reviewed and returned. No Field Change Notices or Design Change Notices have been issued. Four change orders have been approved resulting in a \$26,000 (0.3%) net increase in the contract amount. In addition, the contractor has submitted a value engineering cost proposal to change the portal shoring methodology, which may result in a cost savings to the project of approximately \$50,000.

Construction Activities

Construction activities are summarized below:

- **Jacking Slab and Backstop:** The jacking slab has been constructed and the backstop for the jacking operation is almost complete.
- **Retaining Walls:** The footing for the retaining walls both north and south of the tunnel have been poured and the walls will be poured in the coming weeks.
- **Tunnel Box:** The floor of the box has been poured. The rebar and forms for the walls are being installed and box should be complete by the end of the month.
- **Freeze Pipe:** Work at the north portal is continuing with the drilling and installation of freeze pipes. The freeze pipes will be used to create a frozen arch in the railroad embankment through which the tunnel will be jacked.
- **Jacking Operation:** The jacking of the tunnel box through the railroad embankment is anticipated to start in late August or early September but this schedule is subject to change.

The contractor currently hopes to complete construction in 2015 but it is likely that some work will need to continue into 2016.

Union Pacific Railroad Coordination

A full-time railroad flagger is currently on site because operations are occurring near or under the railroad tracks. In addition, the Union Pacific Railroad has reviewed and returned all five of the major submittals that have been sent to them. While some of the submittals were returned with comments, none of the outstanding issues are considered significant.

Please contact Becky Bucar at (530) 582-2932 or bbucar@townoftruckee.com if you have any questions.